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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/812,015	03/30/2004	Seung Wan Chae	2336-255	2799
7590 05/18/2005		EXAMINER		
LOWE HAUPTMAN GILMAN & BERNER, LLP			VU, HUNG K	
Suite 310 1700 Diagonal 1	Road		ART UNIT	PAPER NUMBER
Alexandria, VA			2811	
			DATE MAILED: 05/18/2009	ς.

Please find below and/or attached an Office communication concerning this application or proceeding.

			B				
	Application No.	Applicant(s)					
	10/812,015	CHAE, SEUNG W	'AN				
Office Action Summary	Examiner	Art Unit					
	Hung Vu	2811					
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet w	ith the correspondence add	dress				
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period v - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a y within the statutory minimum of thin vill apply and will expire SIX (6) MOI , cause the application to become A	reply be timely filed ty (30) days will be considered timely NTHS from the mailing date of this co BANDONED (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on	<u>_</u> .						
2a) ☐ This action is FINAL. 2b) ☒ This	a) This action is FINAL . 2b) ⊠ This action is non-final.						
3) Since this application is in condition for allowar	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
closed in accordance with the practice under E	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims	•						
)⊠ Claim(s) <u>1-32</u> is/are pending in the application.							
4a) Of the above claim(s) is/are withdrawn from consideration.							
5) Claim(s) is/are allowed.							
6) Claim(s) is/are rejected.							
· · · · · · · · · · · · · · · · · · ·	Claim(s) is/are objected to.						
8) Claim(s) <u>1-32</u> are subject to restriction and/or e	election requirement.						
Application Papers							
9) The specification is objected to by the Examiner.							
The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.							
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Tr) The oath of declaration is objected to by the Ex	tammer, Note the attache	d Office Action of form PT	O-152.				
Priority under 35 U.S.C. § 119							
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of:		§ 119(a)-(d) or (f).					
1. Certified copies of the priority documents have been received.2. Certified copies of the priority documents have been received in Application No							
3. Copies of the certified copies of the priority documents have been received in this National Stage							
application from the International Bureau (PCT Rule 17.2(a)).							
* See the attached detailed Office action for a list of the certified copies not received.							
	·						
Attachment(s)							
1) Notice of References Cited (PTO-892)	4) Interview	Summary (PTO-413)					
2) DNotice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No	s)/Mail Date	152)				
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date	6) Other:	Informal Patent Application (PTC 	J-102)				

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - Claims 1-12, drawn to a semiconductor device, classified in class 257, subclass
 094.
 - II. Claims 13-32, drawn to a method of making a semiconductor device, classified in class 438, subclass 22.

The inventions are distinct, each from the other because of the following reasons:

Inventions II and I are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case unpatentability of the Group I invention would not necessarily imply unpatentability of the Group II invention, since the device of the Group I invention could be made by processes materially different from those of the Group II invention, for example, forming a GaN-based semiconductor material by other techniques (for example, CVD, PVD, etc.) instead of growing.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

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Art Unit: 2811

Applicant is advised that the reply to this requirement to be complete must include an

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election of the invention to be examined even though the requirement be traversed (37 CFR

1.143).

Conclusion

2. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Hung K. Vu whose telephone number is (571) 272-1666. The

examiner can normally be reached on Mon-Thurs 6:00-3:30, alternate Friday 7:00-3:30, Eastern

Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Eddie C. Lee can be reached on (571) 272-1732. The Central Fax Number for the

organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 308-0956.

Vu

May 3, 2005

Hung Vu

Primary Examiner